California's Groundwater Update 2013

Statewide and Hydrologic Region Content Review

California's Groundwater Update 2013

Statewide Content Review

Ouestions:

1. Report Review:

- a. What are your general thoughts about the outline and the contents of the report?
- b. What would you add to the outline and content?
- c. What would delete from the outline and content?
- d. Please provide your specific suggestions to revise sections of the report.

2. Graphics Review:

- a. Please provide your feedback and suggestions for improvement on the included
 - i. tables,
 - ii. charts, and
 - iii. maps.
- b. What graphics (tables, charts, and maps) do not add value to the report and that you recommend deleting?
- c. What other graphics (tables, charts, maps) would you recommend adding to improve the presentation of data and information?

Notes



California's Groundwater Update 2013

Hydrologic Region Content Review

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California's Groundwater Update 2013

Statewide Outline



CALIFORNIA'S GROUNDWATER UPDATE 2013

Statewide Outline

1. INTRODUCTION

- 1.1. Overview of Historical Groundwater Content in California Water Plan
- 1.2. Scope and Intent of the Groundwater Update 2013
- 1.3. Report Organization

2. FINDINGS

3. RECOMMENDATIONS

4. STATEWIDE GROUNDWATER UPDATE

4.1. Statewide Groundwater Supply and Development

Alluvial Aquifers

Fractured-Rock Aquifers

Well Infrastructure and Distribution

Priority Basins

4.2. Statewide Groundwater Use

(Report GW Use by HR, use type, and for alluvial vs. fractured aquifer regions)

4.3. Statewide Groundwater Monitoring Efforts

Groundwater Level Monitoring

Groundwater Quality Monitoring

Land Subsidence Monitoring

Remote Sensing/Satellite Monitoring

Groundwater Modeling

4.4. Statewide Aquifer Conditions

Groundwater Occurrence and Movement

Depth to Groundwater

Groundwater Elevations

Groundwater Level Trends

Change in Groundwater Storage

Spring 2005 to Spring 2010 Change in Aguifer Storage Using Groundwater

Level Data Analysis

Change in Aquifer Storage using GRACE Data Analysis

Change in Aquifer Storage using Groundwater Modeling

Groundwater Ouality

Land Subsidence

4.5. Statewide Groundwater Management

Groundwater Management Plans

Groundwater Management Plan Assessment

Basin Management Objectives

Mapping

Monitoring Protocols

Voluntary Components

Bulletin 118-2003 Suggested Components

ACWA/DWR Survey - Key Factors for Success

ACWA/DWR Survey - Key Factors Impeding Success

ACWA/DWR Survey - Groundwater Basin Sustainability

Groundwater Ordinances

Special Act Districts

Court Adjudications

Other Groundwater Management Planning Efforts

Integrated Regional Water Management Plans

Urban Water Management Plans

Agricultural Water Management Plans

4.6. Statewide Case Studies of Groundwater Management

4.7. Statewide Conjunctive Management Assessment

Conjunctive Management Survey

Project Initiation

Project Administration

Project Goals and Objectives

Capital Cost for Project Development

Annual Operating Costs of Projects

Project Capacity

Water Source

Put and Take Capacity

Project Constraints

- 4.8. Statewide Sustainability Indicators
- 4.9. Statewide Groundwater Gap Analysis
- 4.10. References

California's Groundwater Update 2013

Hydrologic Region Outline

CALIFORNIA'S GROUNDWATER UPDATE 2013

Hydrologic Region Outline

5.7 Tulare Lake Hydrologic Region Groundwater Update

5.7.1. Tulare Lake Hydrologic Region Groundwater Supply and Development

Alluvial Aquifers

Fractured-Rock Aquifers

Well Infrastructure and Distribution

Priority Basins

5.7.2. Tulare Lake Hydrologic Region Groundwater Use

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5.7.10. References